

**In the Abstract**

*Please add an abstract as follow:*

**ABSTRACT OF THE DISCLOSURE**

A magnetron of the type having a strap ring has protruding regions of the strap ring arranged so as to increase the capacitance between the strap ring and another strap ring or between the strap ring and anode vanes. Increasing the capacitance at selected portions of the strap ring allows control of the frequency response of the magnetron.